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***Display System***

7” RISC-based Panel PC

IOVU-207AR-RK39

## *Features*

***Specifications***

* OS: Android 7.1
* CPU: Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz)
* Boot Flash: 16G eMMC Nand Flash
* RAM: 2GB LPDDR3-1866
* 1 x SOS Key (with red bar):

Press for calling help in case emergency

2 x Function Keys ( with green bar ):

Default hot key by AP programming





|  |  |
| --- | --- |
| **Model** | **IOVU-207AR-RK39** |
| Chassis | Color | White |
| Dimensions (WxHxD) (mm) | 210.7 x 154.7 x 29.6 |
| System Fan | Fanless |
| Chassis Construction | PC + ABS plastic front, Metal rear |
| Display | Size | 7" |
| Resolution | 720 RGB (H) x 1280 (V) |
| Brightness (cd/m²) | 300 cd/m2 (typ.) |
| Contrast Ratio | 800:1(typ.) |
| Pixel Pitch (mm) | 0.1239 (H) ×0.119 (V) |
| Viewing Angle (H/V) | 70/70/70/70 Deg. |
| Touchscreen | Projected capacitive |
| Motherboard | CPU | Rockchip RK3399 (Dual-core Cortex-A72 up to 1.8GHz + Quad-core Cortex-A53 up to 1.5GHz) |
| System Memory | 2GB LPDDR3-1866 |
| Storage | SD Card | 1 x Micro SD slot |
| Flash | 16GB eMMC NAND FLASH |
| Communication | WLAN | 802.11 a/b/g/n/ac |
| Bluetooth | Bluetooth V4.1 |
| I/O Interfaces | COM port | 2 x UART pin header with 3V (internal) |
| Ethernet | 1 x GbE RJ45 by RTL8211E |
| USB 3.1 Gen 1 | 1 x USB 3.1 Gen 1 (5Gb/s) Type A |
| USB 2.0 | 1 x USB 2.0 Type A2 x USB 2.0 pin header (internal) |
| Others | 2 pin terminal block for SOS key |
| Multimedia | Audio | 1 x Speaker (2 W) , 1 x Digital Mic in |
| Camera | Front 5-megapixel (CMOS) |
| LED Indicator & Button | Indicator | 1 x Power LED 1 x Mail1 x Phone1 x Exclamation Mark |
| Button | 1 x Reset Button1 x SOS button ( red bar )2 x Function Key ( green bar ) |
| Power | Power Input | DC 9 V~30 V,φ2.5/5.5mm DC Jack |
| Power Consumption | 12V @ 1.05A |
| Reliability | Mounting | VESA Mount 75mmx75mm |
| Operating Temperature | -10°C ~ 50°C with air flow |
| Storage Temperature | -20°C ~ 60°C |
| Humidity | 10% ~ 90%, non-condensing |
| Weight (Net) | 0.72 kg |
| Safety/EMC | CE/FCC Class B compliant |
| OS | Supported OS | Android 7.1 |
| Watch dog timer | Yes |

## Display System

Camera

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Speaker Function Key

## *Ordering Information*

Mic

SOS Key

Reset

154.70

75.00

|  |  |
| --- | --- |
| Part No. | Description |
| IOVU-207AR-RK39-R10-TW | 7” TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, Gigabit Ethernet, TW reg, ROHS |
| IOVU-207AR-RK39-R10-CN | 7” TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, Gigabit Ethernet, CN reg, ROHS |
| IOVU-207AR-RK39-R10-EU | 7” TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, Gigabit Ethernet, EU reg, ROHS |
| IOVU-207AR-RK39-R10-US | 7” TFT-LCD; Rockchip 3399 Processor, 2GB LPDDR3 , 16GB eMMC Flash, Camera, WIFI/BT, Gigabit Ethernet, US reg, ROHS |

## *Packing List*

|  |
| --- |
| 1 x IOVU-207AR Device |
| 1 x Wall mount bracket |
| 1 x Screw set |

***Options***

The wall mount screw inside the

device do not longer than 4mm.

75.00

27.60

18.00

210.70

***IOVU-207AR-RK39 Dimensions***

***(Unit: mm)***

|  |  |  |
| --- | --- | --- |
| Item | Part No. | Description |
| Power Adapter | 63040-010060-120-RS | Vin:90~264VAC;60W;Φ2.5/Φ5.5/lock |

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***Display System***

IOVU-

207AR-RK39

# 5 Megapixels Camera

**Mother Board Indicator Pad**

**Digital Microphone**

**Touch Panel**

**Micro SD Slot**

**For extend the storage space.**

# 2W Speaker

**Key Pad**

**LCD**

**USB 2.0**

**USB 3.1 Gen 1**

**SOS Pin**

**RJ45 GbE LAN Port Micro SD Slot**

**DC Jack**